



<u>Department of Computer Science and Engineering</u>				
NAME	Dr. SURESH . P			
UNIQUE ID	FD2005			
DESIGNATION	ASSOCIATE PROFESSOR			
QUALIFICATION	B.E., M.E., Ph.D			
EMAIL ID	meetpsuresh@gmail.com			
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EXPERIENCE	INDUSTRY	TEACHING	TOTAL	
	NIL	19 Years 8 Months	19 Years 8 Months	
DATE OF JOINING THE INSTITUTION	01.07.2010			
RESEARCH FOCUS	NIDS			
SUBJECT COMPETENCY	Data Structures Java Programming Web Technology Compiler Design Programming in C			
NO OF JOURNAL PUBLICATION (INTERNATIONAL/NATIONAL)	8			
NO OF CONFERENCE ATTENDED (INTERNATIONAL/NATIONAL)	6			
NO OF BOOKS PUBLISHED	7			

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.E. - CSE	Computer Science and Engineering	Madurai Kamaraj University, Madurai.	2001
PG	M.E. - CSE	Computer Science and Engineering	Anna University of Technology, Coimbatore.	2009
Ph.D	Ph.D - CSE	Information and Communication Engineering	Anna University, Chennai	2020

Details of Journal Publication:

- 1. P.Suresh, R.Karthika, “Optimization of Pattern Matching Algorithm for Network Intrusion Detection System.”, International Journal of Advanced Research in Computer Science and Technology, Jan 2014. ISSN:2347-8446 (International Journal)**
- 2. P.Suresh, S. Rajakumari, “Three Mode Security for Wireless Sensor Networks with Mobile Sinks”, International Journal of Computer Trends and Technology ISSN 2231-2803 Vol.4 June, 2013, (International Journal)**
- 3. P.Suresh, F.Caleb Dany Wesley, “Auxiliary Information in Data Privacy and Attacks for Secure Multiparty Protocols”, International Journal of Advanced Information Science and Technology, Vol.12, ISSN:2319-2682 . (International Journal)**
- 4. P.Suresh, Dr.R.Sukumar “Fast and Reduce Memory Pattern Matching Algorithm for NIDS.”, International Journal of Perspective Science and Information , Vol 4, No 33, 2013, . (International Journal)**
- 5. P.Suresh, T.Priya, “Memory Efficient Pattern Matching Algorithm For Network Intrusion Detection System,””, International Conference on Computing and Communications Technologies March 2012 (International Journal)**
- 6. P. Suresh, K. Gurumoorthy “Behavior educational mining of male students by analyzing log files”, Computing and Communications Technologies , Vol.8(7), 2015, pp. 614-621. . (National Journal)**

7. P.Suresh, K.Murugan ,“ Efficient Anomaly Intrusion Detection Using Hybrid Probabilistic Techniques in Wireless Ad Hoc Network”, International Journal of Network Security, DOI: 10.6633/IJNS.201807 20(4).15, 2015. . **(International Journal)**
8. P. Suresh, R. Sukumar, S. Ayyasamy, “Efficient Pattern Matching Algorithm for Security and Binary Search Tree (BST) Based Memory System in Wireless Intrusion Detection System (WIDS)”, Journal of Computer Communication, Elsevier, Volume 151, 1 February 2020, Pages 111-118. **(International Journal)**

Details of Conference attended:

1. Published a paper “An Efficient QoS Management Techniques in Wireless Sensor Networks” in the **National conference on Recent Trends in Information Communication Technology** during 17-18 March 2008 organized by Bannari Amman Institute of Technology.
2. Published a paper “Progam Behavior Detection and Verification : a Graph Grammar Approach” in the **National conference on Recent Trends in Computing and Technology** on March 2011 organized by NPR Engineering and Tchnology.
3. Published a paper in International Conference entitled “ A System for High Throughput Performance and Reduce Low Memory Using Pattern Matching with Hash Key ” in 2009 **International Hi-Trends in Emerging Computational Technologies**, organized by Sethu Institute of Technology, during 20-21 Feb 2014.
4. Published a paper “Optimization of Pattern Matching Algorithm for Network Intrusion Detection System” in **AICTE Sponsored International Conference on “Hi-Tech Trends in Emerging Computational Technologies”** at Sethu Institute of Technology during 20th and 21st February 2014.
5. Presented a paper “Efficient Anomaly Intrusion Detection Using Hybrid Probabilistic Techniques in Wireless Ad Hoc Network” in 3rd International Conference on “Hi-Tech Trends in Emerging Computational Technologies” at Sethu Institute of Technology during 8th and 9th April 2015.
6. Presented a paper “**Behavior educational mining of male students by analyzing log files**” in **ICMR Sponsored IEEE International Conference on Science, Technology, Engineering and Management (ICSTEM '17)** held on 3rd and 4th

March 2017 at KIT-Kalaignar Karunanidhi Institute of Technology, Coimbatore, Tamilnadu, India.

Details of Book Publication:

1. Author in the Book titled “Data Structures and Algorithm”, SriMaruthi Publication, Chennai.
2. Author in the Book titled “Operating Systems”, SriMaruthi Publication, Chennai.
3. Author in the Book titled “Fundamentals of Computing”, SriMaruthi Publication, Chennai.
4. Author in the Book titled “Object Oriented Programming with C++”, SriMaruthi Publication, Chennai.
5. Author in the Book titled “Computer Practice - I”, SriMaruthi Publication, Chennai.
6. Author in the Book titled “Computer Practice - II”, SriMaruthi Publication, Chennai.
7. Author in the Book titled “Cultivate your C Programming Skills”, SriMaruthi Publication, Chennai.

Expert Lecture Delivered :

1. Delivered a guest lecture in the subject “Data Structures” in Thiruchenkodu Sengundar Engineering College on 18th September 2011.
2. Delivered a guest lecture in the subject “Design and Analysis of Algorithms” in Thiruchenkodu Sengundar Engineering College on 7th April 2012.
3. Delivered a lecture in Regular Expression in Pumping Lemma for National Seminar on “Theory of Computation” sponsored by AICTE on 19th August 2011 at Sudarsan Engineering College, Pudukottai.
4. Delivered a guest lecture in the topic “C Programming” in KLNCIT on 13th October 2012.
5. Delivered a guest lecture in the topic “Java Programming” in KLNCIT on 13th October 2012.
6. Delivered a guest lecture in the topic “C Programming” in KLNCE on 13th October 2012.
7. Delivered a guest lecture in the topic “Java Programming” in Tamilnadu College of Engineering on 13th October 2012.

8. Delivered a guest lecture in the topic “Java Programming” in CARE Group of Institutions on 13th October 2012.
9. Delivered a guest lecture in the topic “Placement Training” in CARE Group of Institutions on 13th October 2012.
10. Delivered a guest lecture in the topic “Placement Training” in KLNCIT on 13th October 2012.
11. Delivered a guest lecture in the topic “Placement Training” in Karunya University on 13th October 2012.
12. Delivered a guest lecture in the topic “Placement Training” in Karpagam University on 13th October 2012.
13. Delivered a guest lecture in the topic “C Programming” in Karpagam University on 13th October 2012.
14. Delivered a guest lecture in the topic “C# .NET Frame Work” in Karpagam University on 13th October 2012.
15. Delivered a guest lecture in the topic “NET Awareness Programme” in Karpagam University on 13th October 2012.
16. Delivered a guest lecture in the topic “NET Coaching” in Karpagam University on 13th October 2012.
17. Delivered a guest lecture in the topic “C Programming” in SSV. Matric.Hr.Sec.School, Melur on 13th October 2012.
18. Delivered a guest lecture in the topic “C Programming” in SSV. Matric.Hr.Sec.School, Melur on 13th October 2012.
19. Delivered a lecture in ISRO Sponsored Five days National level workshop on “Advanced Research Techniques for Satellite Image Analysis using Image Processing On 13.09.17 at K.L.N College of Information Technology.

Consultancy Carried Out:

Completed a project titled “**SSIET College Canteen Bill Automation**” and it’s being used by the Sri Shakthi Institute of Engineering and Technology.

Patent Filed:

Published a patent titled on “**VIBRATE SENSING EAR FOR EARLESS**”, Ref.No: E-12/16/2019/CHE, Application number: 201841044811 dated: 03.01.2019.

Institutional Responsibilities:

- Organizing Secretary for Various National/International Level Conferences, Symposiums, Workshops, Seminars and Guest Lectures.
- Coordinator for International Conferences.
- Chairperson / Judge for conferences, Symposiums etc.
- Infosys Campus Connect Program Coordinator
- Exam Cell Coordinator
- External Invigilator / Examiner / AUR / CS / Chairman / Vice Chairman/Squad member for Anna University Examinations.
- Dept. Placement Cell Coordinator.
- Proctor, Class Advisor, Counselor and Tutor
- Dept. Alumni Cell Coordinator
- Deputy Warden
- NBA File Coordinator
- Internal Auditor for College Library
- Cultural and Sports Coordinator
- Dept. Association Coordinator
- ISO Coordinator and Auditor
- Course Coordinator “Problem Solving and Python Programming” Anna University(New Regulation 2017)

Organized Webinars:

1. Organized a webinar on “Career opportunities for Engineering Aspirants - A Roadmap” on 18.06.2020 for plus two School students.
2. Organized a webinar on “Patent Filing Unleashed - Protect Your Innovation” on 17.07.2020 for the benefit of the research scholars / faculty members.
3. Organized a webinar on “Latest Innovations in Computer Technology” on 08.08.2020 for all third year and final year students.
4. Organized a webinar on “Building Soft Skills - A Corporate Way” on 16.08.2020 for final year students.